PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 :
C08L 3/02, C08J 7/04, B65D 43/16

A1

(11) International Publication Number: **WO 00/39214**

(43) International Publication Date: 6 July 2000 (06.07.00)

(21) International Application Number: PCT/NL99/00817

(22) International Filing Date: 29 December 1999 (29.12.99)

(30) Priority Data:

1010915	29 December 1998 (29.12.98)	NL
1010916	29 December 1998 (29.12.98)	NL

(71) Applicant *(for all designated States except US)*: VERTIS B.V. [NL/NL]; Boven Oosterdiep 94, NL–9640 AB Veendam (NL).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: HUISMANN, Jan, Wietze [NL/NL]; Rhederweg 112, NL–9695 CG Bellingwolde (NL).

(74) Agent: OTTEVANGERS, S., U.; Vereenidge, Nieuwe Parklaan 97, NL–2587 BN The Hague (NL).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

In English translation (filed in Dutch).

(54) Title: METHOD FOR MANUFACTURING PRODUCTS WITH NATURAL POLYMERS, AND SUCH PRODUCTS

(57) Abstract

A method for manufacturing products, wherein a mass, comprising at least natural polymers such as starch, is brought into or through a mold and the mass in the mold is heated, such that this involves at least cross–linkage of the natural polymers, while of at least one first part of the product, the material composition is influenced such that the material properties of the relevant first part deviate from the material properties of parts adjoining said part.